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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kalyan Muthukumar

Examiner: Tecklu, Isaac

Patent No.: 7,316,012

Group Art Unit: 2192

Issue Date: January 1, 2008

Docket No: 884.890US1

Title: SYSTEM, METHOD, AND APPARATUS FOR SPILLING AND FILLING ROTATING REGISTERS  
IN SOFTWARE-PIPELINED LOOPS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: CERTIFICATE OF CORRECTION BRANCH

Certificate  
FEB 29 2008  
of Correction

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- ☒ Request for Certificate of Correction.
- ☒ Certificate of Correction Form - PTO-1050 (in duplicate)
- ☒ A return postcard.

**Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.**

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.  
Customer No: 21186

By: Charles E. Steffey  
Name: Charles E. Steffey  
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CES:CMG:raq

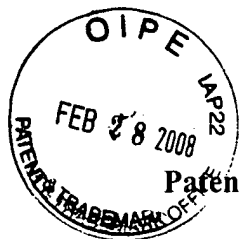
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Alysha Kramber  
Name

Alysha Kramber  
Signature

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Patent Publication

FEB 29 2008



Patent 7,316,012

PATENT

IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,316,012

Docket No: 884.890US1

Issue Date: January 1, 2008

Patentee: Kalyan Muthukumar

Customer No.: 21186

Confirmation No.: 1924

Title SYSTEM, METHOD, AND APPARATUS FOR SPILLING AND FILLING  
ROTATING REGISTERS IN SOFTWARE-PIPELINED LOOPS

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: CERTIFICATE OF CORRECTION BRANCH

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

**As the error is that of the Patent Office, it is believed that no fee is due.**

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.

Respectfully Submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6900

Date :

Feb 22, 2008

By:

Charles E. Steffey

Charles E. Steffey

Reg. No: 25,179

CES:raq

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,316,012

Page (1) of 1

DATED : January 1, 2008

INVENTOR(S) : Muthukumar

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 16, line 27, in Claim 17, delete "the" and insert - - a - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.  
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Minneapolis, MN 55402

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